

Work Order ID 151351

Friday, September 23, 2016

Page 1

Item ID:

Revision ID:

Item Name:

Draw Nbr:

Start Date: 9/23/2016 11:

Start Qty: 1.0000

Revision Nbr

Required Date: 9/28/2016

Reqd Qty: 1.0000

Reference: ECN 16-645

Cust Item ID:

Customer ID:

Description: Update paperwork per ECN-16-645
647.1301 x B104841

Sales Order:

Approvals:

Process Plan: dm

Date: 16/09/23

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Hours

Sequence	Work Center	Operation	Set Up	Run	Tool ID	Tool #	Plan	Accept	Reject	Reject	Insp.
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DAS
28
9-89

SEP 28 2016

dm 16/09/29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

List Lots

Page 1 of 1

Friday, September 23, 2016 11:42:47 AM

Criteria : Item ID: 647.1301 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		

647.1301	Main Warehouse	104841	7/14/2016	1.0000	QC21		
EC145 Cable Cutter System	FG101						

Total: 1.0000

DAS
28
9-89

SEP 28 2016

DQA: _____ Date: _____



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		OTHER : ☐			

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NOTES: UNLESS OTHERWISE SPECIFIED

1 AFTER INSTALLATION, APPLY F/N 73 A/R TO FILL GAPS AND FILLET EDGES

2. APPLY F/N 74 TO FAYING SURFACES

3 AT CUSTOMERS OPTION, INSTALL F/N 77 BY MATCH DRILLING ONTO F/N 1

4 INSTALL FOR 647.1301, 647.1302.

5 INSTALL FOR 647.1304, 647.1305.

6 APPLICABLE WHEN EUROCOPTER P/N 145-250014.11 IS INSTALLED WITH EUROCOPTER CABLE CUTTER FIXED PROVISIONS.

7 APPLICABLE WHEN REPLACING EUROCOPTER P/N 145-250074.11

8 INSTALL WITH:
647.1304
647.1305
647.1307
647.1308

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: P23		N/C
N/C	INITIAL RELEASE	06/03/09	P. BRAVO
A	INCORPORATED ECH 02943, 03020, 03048	01/25/11	P. BRAVO
B	INCORPORATED ECH 03919	07/05/13	P. BRAVO
C	INCORPORATED ECH 04659	08/13/13	P. BRAVO
D	INCORPORATED ECHS 04485, 045991 & 04976	06/17/15	P. BRAVO

1		1	1		1	1		1	14	647.1817	SUPPORT, RH		
1		1	1		1	1		1	13	647.1912	BRACKET, LH		
1		1	1		1	1		1	12	647.1911	BRACKET, RH		
	8	8		8	8			8	8	11	647.0112	STRUT BRACKET	
								1	1	10	647.2110	LOWER RAIL	
						1			1	9	647.2111	UPPER RAIL	
	1	1		1	1			1	1	8	647.1610	WIPER DEFLECTOR, FWD	
	1	1		1	1			1	1	7	647.1601	WIPER DEFLECTOR ASSY, AFT	
								2	2	6	647.1701	SKID DEFLECTOR ASSY	
1		1	1		1	1			1	5	647.3201	GROUNDING CABLE ASSY	
1		1	1		1	1			1	4	647.2201	CROSS ASSY	
1		1	1		1	1			1	3	647.1602	DOUBLER ASSY	
	1	1		1	1				1	2	647.1402	CUTTER ASSY (LOWER)	
								1	1	1	647.1401	CUTTER ASSY (UPPER)	
X											647.1309	EC145 T2 FIXED PROVISIONS KIT	
	X										647.1308	EC145 T2 REMOVABLE PROVISIONS KIT	
		X									647.1307	EC145T2 CABLE CUTTERS KIT	
			X								647.1306	FIXED PROVISIONS KIT U CHANNEL	
				X							647.1305	REMOVABLE PROVISIONS KIT U CHANNEL	
					X						647.1304	EC145 CABLE CUTTERS KIT U CHANNEL COMPATIBLE	
						X					647.1303	FIXED PROVISIONS KIT	
							X				647.1302	REMOVABLE PROVISIONS KIT	
								X			647.1301	EC145 CABLE CUTTERS KIT	
.1309	.1308	.1307	.1306	.1305	.1304	.1303	.1302	.1301	FIND #	PART #	DESCRIPTION	MATL	SPEC.

BOM Table (Restructured)

QTY	ORIGINAL DATE (M/D/Y)	07/04/09
NEXT ASSY (S)	DRAWN BY K. ROSANO	CHECKED D. BARBER
	DRAWING APPROVAL P. BRAVO	08/06/07
	CONTRACT NO.	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS .003 3 PLACE DECIMALS .0005 ANGLES .5°	

PARTS LIST		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760) 724-5300
DART AEROSPACE		
AFICAL INDUSTRIES, INC. 6500 DART AEROSPACE		
EC145 CABLE CUTTERS KIT		
SIZE B	CAGE CODE 07A26	DWG. NO. 647.1300
SCALE NONE		REV. D
		SHEET 1 OF 10

DQA: _____ Date: _____



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		OTHER :			